

"The Northwest's Largest Ham Convention"



SEA-PAC '10

June 4th, 5th and 6th, 2010

NORTHWESTERN DIVISION ARRL CONVENTION

Seaside Convention Center, Seaside Oregon

Commercial Exhibits • Giant Flea Market • Banquet/Entertainment
Seminars

On the Beautiful Northwest Ocean Beach

Exhibitors Call:

Al Berg, W7SIC
503.816.7098

SEA-PAC Convention

PO Box 25466
Portland, OR 97298-0466

Registration Info:

Will Sheffield,
N7THL
503.642.7314

◀ **www.seapac.org** ▶

I want to be part of SEA-PAC '10. Please send me:

- ☐ Registration Form ☐ By email
☐ By US Mail
☐ Flea Market Information
☐ Commercial Exhibit Rates and Contract

☐ I would like to present a Seminar:
Topic _____

Name _____ Call _____

Address _____

City _____ State _____ Zip _____

Telephone _____

Email Address _____

**Fill out this form — Leave at the Registration Desk
to receive information on SEA-PAC '10.**

SEA-PAC

2009 NW Division ARRL Convention

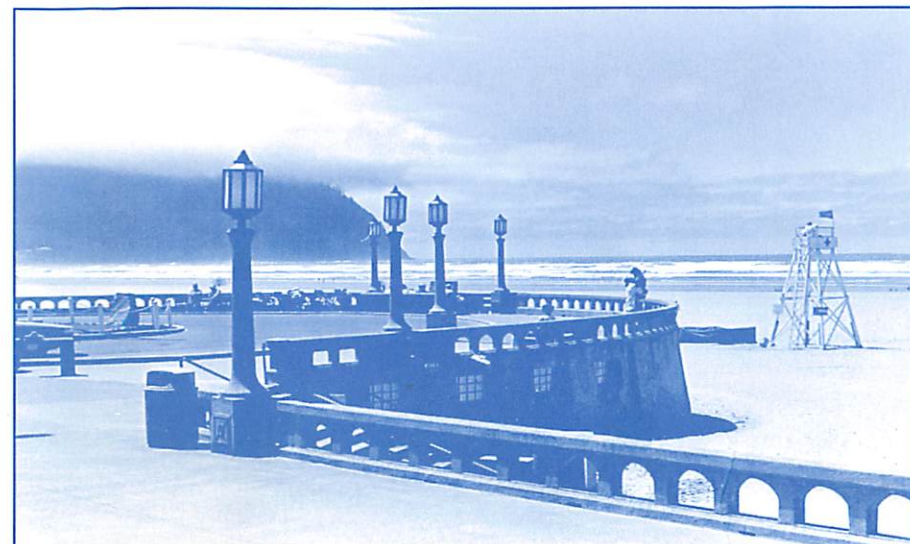


SEA-PAC



27th Year

Northwestern Division ARRL Convention



Seaside Convention Center Seaside, Oregon

June 5th, 6th and 7th, 2009

Web: <http://www.seapac.org>

**Presented by
Oregon Tualatin Valley
Amateur Radio Club**



"The Northwest's Largest Ham Convention"



SEAPAC '09

June 5th, 6th and 7th, 2009

NORTHWESTERN DIVISION ARRL CONVENTION

Seaside Convention Center, Seaside Oregon

ARRL GUESTS

The Northwestern Division Convention welcomes **David Sumner, K1ZZ**, Chief Executive Officer, Executive Vice President, and Secretary of the American Radio Relay League. He is responsible to the ARRL Board of Directors for managing the affairs of the League including its headquarters staff and official journal, QST. Dave is trustee of the ARRL Headquarters club station, W1AW, and the IARU club station, NU1AW.

ARRL Northwest Director Jim Fenstermaker, K9JF, is a past president of the Clark County Amateur Radio Club and the Willamette Valley DX Club and founder of the Greater Milwaukee (WI) DX Club. Jim also serves as Chair of the ARRL Administration and Finance Committee, Scouting Committee, Legislative Action Committee and was elected as a member of the ARRL Foundation. Jim is an active ham and holds the 9-Band DXCC award and DXCC honor roll having worked 364 countries. He is also completing the USA-Countries award with over 2,800 of the 3,077 counties confirmed.

ARRL Northwest Vice Director Bill Sawders, K7ZM, was the ARRL Oregon Section Manager from 1998 to 2002. First licensed in 1957, he is Past President of the San Diego DX Club (1968), Central Oregon Radio Amateurs (1992), Central Oregon DX Club (1989-1998), and is currently President of the Central Oregon Contest Club (K7ZZZ). Bill is the Trustee of the 145.450 Mount Bachelor repeater and is the owner of the 146.960 (EchoLink) repeater in La Pine, Oregon.

SEA PAC COMMITTEES

EXECUTIVE COMMITTEE

Al Berg W7SIC
Will Sheffield N7THL
Wayne Schuler AI9Q

TREASURER

Rick Banton, KD7THV

EXHIBITORS

Al Berg W7SIC

EXHIBITORS HOSPITALITY

Betty Mickley, N7REX
Frances Adams KB8PRL
Scott Adams KB8PRS
Charles Mickley Jr.
Molly Mickley
Joe Boyd N7VZS
Ann Boyd
Dinah Wells

EXHIBIT SET-UP

Cindy Kenyon KC7UJD
Jerry Kenyon KB7LNR
Wes Allen, K7WWG
Debbie Allen
Ivan Look, N7PRM
Laura Look
Kathy McClanahan, N7YBN
Richard McClanahan, KC7GBU
Geoff Apgar, W7JEZ
Steve Brice, NA7T
John Poland
Bill Morris, W7IH
Steve Tarr, KD7MRX

MEAL ARRANGEMENTS

Al Berg W7SIC

FLEA MARKET

Lynn Hurd WB7UNU
Tom Hill WA3RMX
Jack Smithson KA7HOJ

PRIZE COMMITTEE

Mel Sutton KB7PVS
Darwin Durr K7PSD
Al Berg W7SIC
Everett Curry W6ABM
Jim Schaeffer KB7ADH
Gavin Silaski, KC7UIL
Jennifer Roberson K7JLR
Patrick Roberson W7PAT
Linda Sutton KC7YTD

REGISTRATION

Will Sheffield N7THL
Rick Banton, KD7THV
Mary Berg N7TRW
Jerry Sheffield, KC7EKT
Kathy Swanson

V.E. TESTING

Carl Clawson WS7L
Gordon Gorton W6NW
Claire Johnson N7CM
Ernie Johnson K7EAJ
Russ Mickiewicz N7QR
Jerry Miller NB7PX
Jim Mockley W7JMM
Ron Schlitzkus W7HO
Phil Westover WA7URV

SEMINARS

Hoodview A.R.C.
Ed Clulow N7TL
Jan Maggs, KA7HNP
Ken Clulow, KA7VQH
Denny Doolittle, WB7UFJ
Bill Maggs, WB7DLM
Joe Michaud, N7HA
Pat Michaud, W7RED
Greg Phillips, K7GAP

SECURITY

Clark County A.R.C.
Bruce Bullis, KG6CIJ
Eric Keerbs, AD7HM

TALK-IN STATION

Sunset Empire A.R.C.
Bernie Gildner KD7UDX
Don Hillgaertner WA7TEM
Dave Klinger W7DEK
Alene Linehan KA7CXP

WEB SITE

Rox Heath AD7RX
Bob Heath KD7OHF

MAILER & PROGRAM

Luther Brisky, KC7KVL

SEA PAC CONTENTS

Convention Schedule of Events	Page 2
Chuck Mickley Scholarship	Page 3
Special Events Station	Page 3
Exhibitors	Page 4
Banquet	Page 5
Prize Donors.....	Page 6
Wouff Hong	Page 6
Prizes	Page 7
Seminars	Page 9
Meetings	Page 14
RAGS Test Bench	Page 14
Committees	Page 16
ARRL Guests	Back Cover

V.E. TEST SESSION

Testing at Our Saviour's Lutheran Church—East Parish Hall
(North—across the street from the Convention Center)

One Session—Saturday at 9 AM

Pre-registration requested. Walk-ins — Space Available

Express your appreciation to these volunteers. They make SEA PAC '09 possible.
Committee Chairs are listed above in Italics

SCHEDULE OF EVENTS

Friday, June 5

Seminars (Seaside Room)	11:00 AM – 4:00 PM
Registration	11:00 AM – 8:00 PM
Exhibitor & Flea Market (Setup Only)	11:00 AM – 8:00 PM

Saturday, June 6

Exhibitor/Flea Market Set-Up	7:30 AM – 9:00 AM
Registration	8:00 AM – 4:30 PM
Exhibits & Flea Market	9:00 AM – 4:30 PM
Snack Bar	9:00 AM – 4:30 PM
VE Exams (Our Saviour's East Parish Hall)	9:00 AM – NOON
Seminars (Seaside & Riverview Rooms)	9:30 AM – 5:00 PM
Hourly Prizes	10:00 AM – 4:15 PM
DX Luncheon (Best Western Oceanview)	11:30 AM – 1:30 PM
YLRL Luncheon (Best Western Oceanview)	11:30 AM – 1:30 PM
ARRL Forum (Seaside A&B)	1:00 PM – 2:15 PM
Special SEA-PAC Prizes	2:30 PM
Bunny Hunt (Convention Center Flag Pole)	3:00 PM
Pre-Banquet Happy Hour (Convention Lobby)	6:30 PM – 7:15 PM
SEA-PAC Banquet (Convention Center)	7:15 PM – 9:30 PM
Wouff Hong Ceremony (Seaside A & B)	10:30 PM – 11:30 PM

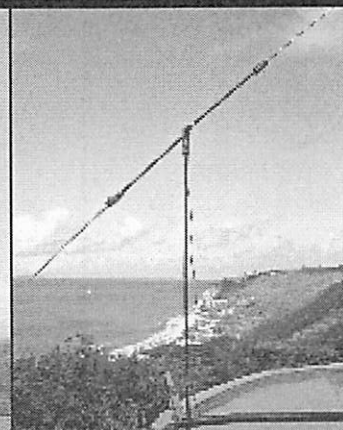
Sunday, June 7

Registration	8:30 AM – 12:00 PM
Exhibits & Flea Market	9:00 AM – 1:00 PM
Snack Bar	9:30 AM – 12:30 PM
Hourly Prizes	9:00 AM – 1:00 PM
Special SEA-PAC Prizes	10:30 AM
Major SEA-PAC Prizes	1:00 PM – 2:00 PM
Convention Closes	2:00 pm



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Hillsboro, OR 97123

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fax: (503) 214 6802

info@buddipole.com

MEETINGS AT SEA-PAC

SEA-PAC provides the SEA-MIST Room for these meetings.

Meetings are scheduled by, and the responsibility of, the organizations listed.

Saturday, June 6th

9 AMOfficial Observer (closed session) Everett Curry, W6ABM
10:30 AM.....NTS meetingScott Gray, W7IZ
2:30 PM.....Oregon ARESBill Morris, W7IH

Sunday, June 7th

9 AMOregon Section CabinetBonnie Altus, AB7ZQ
10:30 AM.....ARRL NW Division Cabinet.....Jim Fenstermaker, K9JF

RAGS Test Bench

As a service to flea market buyers, the Radio Amateurs of the Gorge (RAGS) provides a test bench. Equipment includes a power supply, speaker, voltmeter, service monitor, frequency counter, oscilloscope and watt meters. Buyers and prospective buyers are encouraged to make use of this service to check out flea market treasures and those unbelievable bargains.

Neither RAGS nor SEA-PAC accepts responsibility for the condition or operability of any equipment, nor can they be held responsible for equipment damage as a result of use of test gear.

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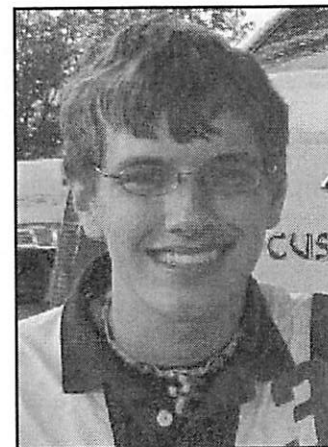
SEA-PAC, the Northwestern Division ARRL Convention, is sponsored by the Oregon Tualatin Valley Amateur Radio Club. Co-Sponsors include Clark County Amateur Radio Club, Hoodview Amateur Radio Club, and Sunset Empire Amateur Radio Club.

Thanks to convention volunteers for their assistance. We invite everyone to enjoy themselves to the fullest and be a part of making this event a success.

OTVARC Scholarship Winner

This years recipient of the Chuck Mikley Scholarship is Morgan Brethower, KD7ZLL.

My name is Morgan Brethower, KD7ZLL. I am a Freshman in Physics and Electrical Engineering at Oregon State University. I hope to do research in optics or solid state electronics someday, and, eventually, become an astronaut. My first exposure to radio was in grade school, watching my godfather talk to his brother. I was impressed that he could talk to North Dakota from his Oregon station. I earned my Technician license in 2004, and I've spent most of my time in the 2-meter band. I've talked to Australia and Wales via VoIP, and supported Boy Scout camps on my handheld. Radio inspired me to work with electronics, computer networking and technical theater. In the next five years, I hope to earn my General license, start talking via satellite repeater, and continue my studies.



Special Event station W1AW/7

Saturday 9 AM - 4:30 PM

Sunday 9 AM - 1 PM

Bands: 80m-10m CW and SSB.

All licensed amateurs are encouraged to stop by the station set up in the Convention Center lobby and operate the station.

Phil Westover, WA7URV and Russ Mickiewicz, N7QR, the coordinators for this event, will be assisting new hams who are interested in actually getting their feet wet and getting some on the air experience on the HF bands.

Special event QSL cards will be sent to stations working W1AW/7.

SEAPAC EXHIBITORS

2009 NW Division ARRL Convention

SATURDAY

3:00 PM
Seaside C

Introduction to Antenna Modeling Ed Clulow N7TL

Introducing ARRL's EZNEC antenna modeling software. Learn how to use this limited issue software to explore the features of the antennas described in ARRL's Antenna Book

3:00 PM
Seaside A&B

High Performance Transceiver Design Eric Swartz WA6HHQ, COO of Elecraft Inc

A presentation of the high performance features in a state of the art transceiver. If you are considering a new rig for your station, be sure and attend.

3:00 PM
Riverview A&B

How to connect Ham Radio to the Internet from a remote location Miguel Mayorga KC7IGT

Do you backpack or visit remote areas? Find out how one ham utilized his laptop & cell phone to get his home station on the air via the Internet

Wind up a great weekend with this final seminar on Sunday morning before the Grand Prize Drawings.

SUNDAY

8:30 AM
Seaside A,B&C

Display, Demonstration and Discussion of Portable Emergency Antennas Ralph Javins N7KGA

A presentation of antenna types for portable use during an emergency, with commentary on the operating characteristics of each type. Helps you make a decision on what antenna type you may want to take depending on what you are trying to accomplish on each amateur radio band.

SEA-PAC '09 PIN

Congratulations to Bill Balzarini, KL7BB, winner of the 2009 SEA-PAC Pin Contest. Be sure to pick up your 2009 Pin (\$5.00) at the Registration Desk. Pins from some previous SEA-PAC Conventions are also available for purchase.

BANQUET SPEAKER

The SEA-PAC banquet is a time to reacquire yourself with hams from around the division, the nation and the world. Our guest speaker at this years banquet is best known as the reporter who brought the world the "exploding whale" story and his feel-good "Spirit of the Northwest" features on local residents. Paul Linnman began his career at KATU in 1967 and spent all but five years of his broadcast career at the station.

Lyndon B. Johnson was president, Otis Redding was riding the charts with his hit single "(Sittin' On) The Dock of the Bay," and an assassin ended the life of Martin Luther King Jr. the year Linnman stepped in front of a television camera for the first time.

And what a year it was for the 21-year-old fledgling reporter who always thought he wanted to be a newspaper sports reporter, until he was told if he didn't have a great memory, he would never make it in the business.

Good memory or not, Linnman had a knack for condensing a complicated story and telling it on air in a matter of a few seconds.

It was an election year in 1968, and one of Linnman's first jobs was to spend a week with each of the presidential candidates, all of whom spent extensive time visiting Oregon.

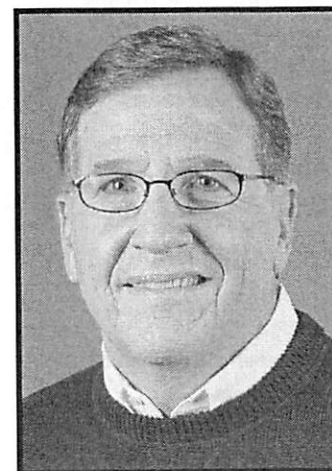
His career has been filled with sports stars, entertainment figures, international dignitaries. He had dinner at the White House, flew with the Blue Angels, trekked through Nepal, attended festivals in Japan and tried out for the Pittsburgh Pirates baseball team as part of the job.

Paul Linnman is an accomplished author with two books published:

"The Exploding Whale: And Other Remarkable Stories from the Evening News" (Graphic Arts Center, \$16.95). As a young reporter, Paul Linnman was sent to the Oregon coast in 1970 to cover the story of state officials trying to dispose of a rotting whale carcass in the sand.

"Oregon Golf" (Graphic Arts Center, \$29.95) An avid golfer, Linnman offers a close look at each golf course in Oregon. The book covers both the courses and the interesting features and history of the locations.

Paul and wife Vickie live in Portland and are the proud parents of 4 grown sons and grandparents to three.



Don't miss this event, get your SEA-PAC event and banquet tickets today as seating is limited.

Banquet Awards

Icom IC-VT90A Tri-band HT

Kenwood TH-F6A Tri-band HT

SEAPAC PRIZE DONORS

Seaside, OR

Best Western Oceanview Resorts
Bigfoots Steak House
Camp 18 Restaurant & Gift Shop
Circle Creek RV Park
Dooger's Seafood & Grill
Holiday Express Inn
Inn at Seaside
Motel 6
Norma's Ocean Diner
Pig 'N Pancake
Portland Fudge
Seaside Chamber of Commerce
Seaside Helicopters
Sundowner Inns of Seaside
The Pizza Harbor
Venice RV
Mckeowns Restaurant & Bar
Sam's Seaside Café

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Western Case

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Kenwood Corp.
Suwanee, GA

Vertex Standard (Yeastu)
Cypress, CA

Nehalem Bay Wine
Nehalem, OR

Pulse Larsen Antennas
Vancouver, WA

Gearhart by the Sea
Gearhart, OR

Ham Radio Outlet
Portland, OR

SHILO Management Group
Portland, OR

The Royal Order of the Wouff Hong

Invites you to an initiation into their royal order, which will be held at 10:30 PM Saturday night in the Convention Center Seaside rooms A & B. You must be a current member of the ARRL to attend this one hour ceremony. Registrations are being taken in the lobby. Those attending the ceremony will receive a commemorative ARRL certificate.

Due to publication deadlines we apologize for any changes or omissions.

SATURDAY

11:00 AM
Riverview A&B

Learn how to Beat Morse Code
Bill Balzarini KL7BB

Come and learn how to Beat the Morse Code, the "Original Digital Mode", sent one bit at a time. Tips on listening ahead, writing behind, all while building a code buffer. Apply this method from 5 to 40+ words per minute and beyond.

1:00 PM
Seaside A&B

ARRL Forum
Dave Sumner K1ZZ, CEO of the ARRL
Jim Fenstermaker K9JF, Director, ARRL NW Division

An opportunity to meet with Dave Sumner and Jim Fenstermaker and find out what the ARRL sees as the future of Amateur Radio.

1:00 PM
Riverview A&B

Ride The Terminator @ 66° 33' North Latitude
Bill Balzarini KL7BB

At the intersection of 66° 33' North Latitude and the Dalton Highway, 300 miles South of the Arctic Ocean, the 2008 ARRL special events station W1AW/KL7 operated for 2 weeks with the HF bands open to all corners of the world utilizing the earth's sunrise-sunset "Terminator" band. This Arctic Circle Zone is very active during the Alaskan Summertime.

1:00 PM
Riverview C

Making the most of D-Star
Dan Smith KK7DS, Software Engineer for
IBM's Linux Technology Center

Discussion of the design and implementation of D-RATS, a software tool to leverage the D-STAR slow-speed data channel. Hear and see an overview of the D-STAR system and summary of current functionality provided by D-RATS.

1:00 PM **The Why & How of Airmail in the Oregon ARES Digital Network**
Bruce Bjerke K7BHB

Oregon Section ARES/RACES Digital Network (OADN) introduced Airmail in 2005. This presentation reviews the features and benefits of Airmail. This non-technical discussion covers the topic module by module using actual examples from the most recent SET.

3:00 PM
Riverview C

How to hook the D-Star & DV Dongle to the Internet
Steve Hatch WA7DAD

An advanced presentation about how to hook the D-Star Server and DV-Dongle up to the Internet. What the NEW features are, what the "New Global Reflectors" for D-Star do, and how to use them.

FRIDAY

8:30 PM
Mill Pond Park

Live Field Talk About Bats
Curt Black WR5J, Environmental Scientist

Directions will be given at the 11:00 AM Seminar. (See 11AM Seminar) Join Curt in a walk through Mill Pond Park and observe bats in their natural habitat.

SATURDAY

10:00 AM
Seaside A&B

Emergency Management – Oregon
Vincent Van Der Hyde K7VV

A three-part presentation of ARES/RACES in Oregon. Oregon Emergency Management in disaster situations, the growing use of the Oregon ARES Digital Network (OADN) and where Oregon ARES/RACES is headed at both state and local levels.

10:00 AM
Seaside C

Ideas for teaching Ham Radio Classes and where ham growth occurred in 2007-2009
Delvin Button N7QMT

A presentation on some of the successful techniques for teaching technician and general license classes. Also view a map presentation that shows the Northwest Division ham growth over the past few years

10:00 AM
Riverview A&B

Emergency Preparedness
Nicole Stacy – Clatsop County Red Cross Cord.
Tom Manning – Volunteer Cord. Clatsop County Sheriff's Office

A presentation on many types of emergency preparedness, which will cover everything from you at your residence to evacuation situations. Will include discussion on Tsunami preparation.

11:00 AM
Seaside C

High Performance Software Defined Radio
The next generation — Dan Quigley N7HQ

While the concept of SDR is not new, the rapidly evolving capabilities of digital electronics are making practical transceiver performance and features that were once only theoretically possible. Dan described the technical characteristics of the next generation 100 Watt SDR transceiver and demonstrates this in his latest completed project, which has a delightfully surprising twist.

11:00 AM
Seaside A&B

Constructing a 4-square 40 meter array at your QTH
Wilse Morgan WX7P

Are you into antennas? A fascinating presentation about the construction and use of four vertical antennas resonant on 40 meters, placed in a "4-square" array, electrically switched from the shack for maximum gain in the desired direction. Very handy during contesting.

SEAPAC PRIZES

ALL PRIZE MODELS SUBJECT TO CHANGE

Sunday, 1:00 - 2:00 pm

Kenwood TS-480SAT HF-6M
Yaesu FTM-10R dual band mobile
ICOM IC-208H dual band mobile

42" LCD TV

Icom IC-2820H dual band mobile
Garmin GPS

Early-Early Bird Prize

Website Registrations by February 13, 2009

Yaesu VX-6R Tri-band HT

Early Bird Prize

Registration postmarked by May 7, 2009

Icom IC-91A dual band HT
Yaesu FT-8800R dual band mobile

HOURLY PRIZES

Unclaimed prizes are re-issued!

Hourly prizes posted for two hours in the lobby and on stage



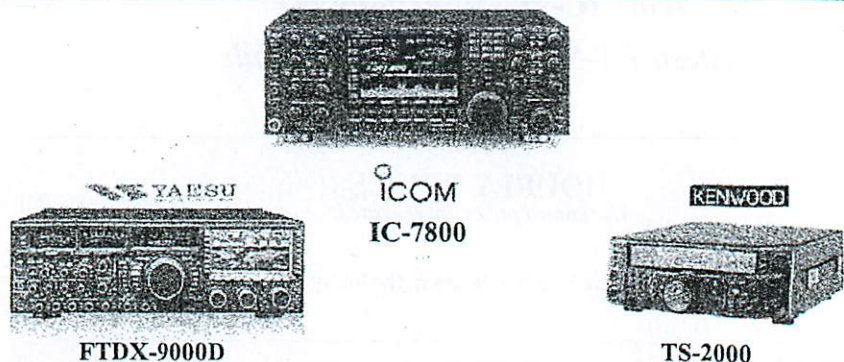
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PORTLAND, OR - SALEM, NH - SAN DIEGO, CA - SUNNYVALE, CA - BURBANK, CA - WOODBRIDGE, VA

Welcome to Seaside!

**Come by our booth and
receive
special show pricing!**

For the Discriminating Ham



SEMINARS

Please silence audio signals during the seminars.

Let these Sea-Pac seminars catch your interest and open the door to new ham radio adventures. The presenters below volunteer their experience to share with you their knowledge and skills on the many facets of this great hobby. What ever your interests are, you're sure to acquire new knowledge to take home and enjoy.

Below is an overview of the seminars Sea-Pac is presenting this year. This will help you select the seminars of interest. A thank you to presenters is always appreciated. And as a courtesy to all, be sure your hand-held radios and cell phones are turned off during the seminar.

FRIDAY

11:00 AM **Everything You Wanted to Know About Bats**
Riverview A,B&C **Curt Black WR5J, EPA Environmental Scientist**

Technical Advisor to Bats Northwest and helps with their annual Bat Ambassador training. Curt holds a B.S. in Geology, B.S. in Zoology and a Masters in Hydrogeology. Curt enjoys nature sound recording, Amateur Radio and Natural History. Enjoy Curt's bat video & audio presentation for all ages. Follow up with the Live Field talk at 8:30 PM

12:30 PM **Outpost Messenger Program**
Riverview A,B&C **Vern Smith KA7DCQ**

Vern is a member of Clark County, Washington ARES/Races Group and was one of the first Packet Radio Stations operating in the Portland area back in the early 1980's. A presentation on the "Outpost Messenger" software program by Jim Oberhofer KN6PE.

2:00 PM **DXpedition in the Caribbean**
Riverview A,B&C **Budd Drummond W3FF**

A presentation on the "Buddies in the Caribbean" DXpedition where 8 operators show up with just suitcases and go portable for seven days. Did you work them? Attend and find out how this DXpedition unfolded and worked the world.

4:00 PM **DX on a low budget with light radio gear,**
Riverview A,B&C **but with LOTS of QSO's Bob Norin W7YAQ**

A travelogue with detailed planning and preparation aspects of this 3-week trip to Fiji and Tuvalu in the South Pacific.